



Attorney Docket No. 0756-7297

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Jun KOYAMA et al.

Serial No. 10/827,438

Filed: April 20, 2004

For: DRIVING CIRCUIT OF A  
SEMICONDUCTOR DISPLAY  
DEVICE AND THE  
SEMICONDUCTOR DISPLAY  
DEVICE

) Group Art Unit: 2675

) Examiner: K. Kumar

) CERTIFICATE OF MAILING  
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5-3-04

Rose M. D'Amato

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INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the foreign references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

The Examiner should note that the Japanese Patent Office is asserting that JP 06-053813 and JP 08-146918 teach that it was well known to make a channel width of a transistor not larger than 100  $\mu$ m.

Also, JP 09-036730 was cited for showing the feature that one inverter is constituted by a plurality of inverters connected in parallel. The Japanese Patent Office is asserting that it was easily thought to use the inverter of JP 09-036730 for an inverter of JP 07-327185, which teaches the use of an inverter for a shift register.

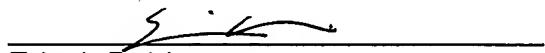
U.S. Patent 5,256,916 is in the family of JP 06-053813.

U.S. Patent 6,225,866 is in the family of JP 07-327185.

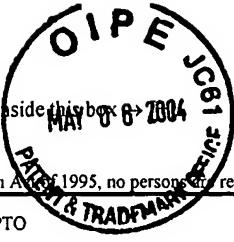
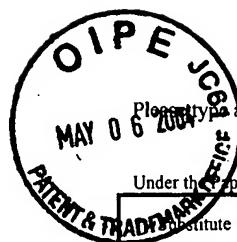
This Information Disclosure Statement is being submitted before the issuance of a first Office Action on the merits, therefore, no fee is required.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,

  
Eric J. Robinson  
Reg. No. 38,285

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<i>Complete if Known</i>	
		Application Number	10/827,438
		Filing Date	April 20, 2004
		First Named Inventor	Jun KOYAMA et al.
		Group Art Unit	2675
		Examiner Name	K. Kumar
Sheet	1	of	1
		Attorney Docket Number	0756-7297

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup> (if known)				
		JP	06-053813		02/25/1994		Abst.
		JP	07-327185		12/12/1995		Abst.
		JP	08-146918		06/07/1996		Abst.
		JP	09-036730		02/07/1997		Abst.

#### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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